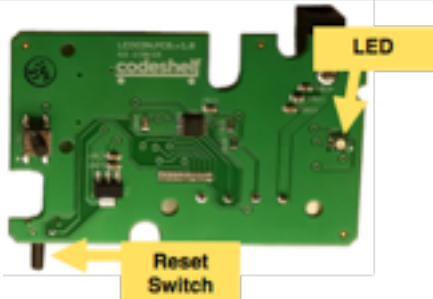
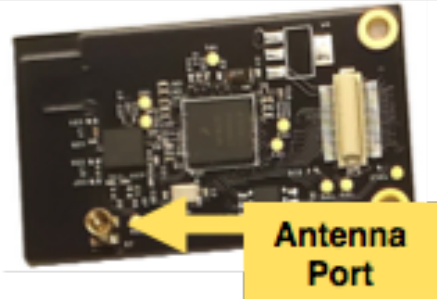













Parts List - LEDCON Assembly



<div>Daughterboard PCBA</div> <div>1x</div> <div></div>	<div>KW2 Brainboard PCBA</div> <div>1x</div> <div></div>
<div>Top Coverplate</div> <div>1x</div> <div></div>	<div>Bottom Coverplate</div> <div>1x</div> <div></div>
<div>ZERO Screw Core</div> <div>1x</div> <div></div>	<div>Two Screw Core C</div> <div>2x</div> <div></div>
<div>Antenna</div> <div>1x</div> <div></div>	<div>Header Access Plug</div> <div>1x</div> <div></div>

Two Screw Core A	Two Screw Core B
1x 	1x 

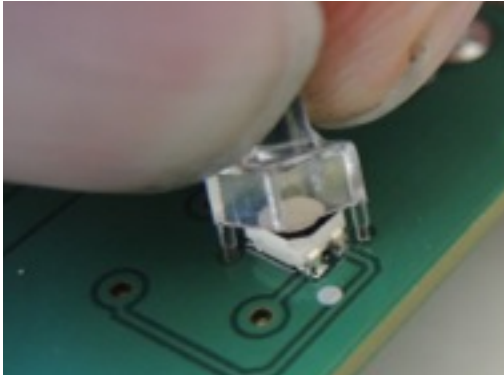
Uni-Mate Connector Strain Relief Screw (6-32 Nylon Screw)	Brainboard Mounting Screw (4-40 Nylon Screw)
2x 	2x 

Brainboard Mounting Nut (4-40 Nylon Nut)	Uni-Mate Connector Strain Relief Nut (6-32 Nylon Nut)
2x 	2x 

Screw Spacer 3mm (3mm Spacer)	M2 Dowel Pins
2x 	2x 

7/8" Case Screws	LED Lightpipe
4x 	1x 

1. Mount LED LIGHTPIPE to LEDCON



Insert LED LIGHTPIPE tabs into mounting holes in the Daughterboard PCBA over the LED.

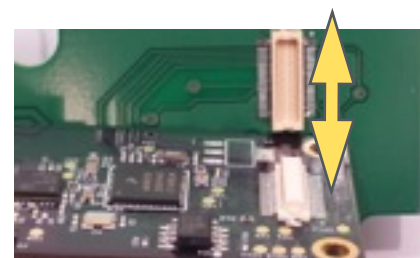
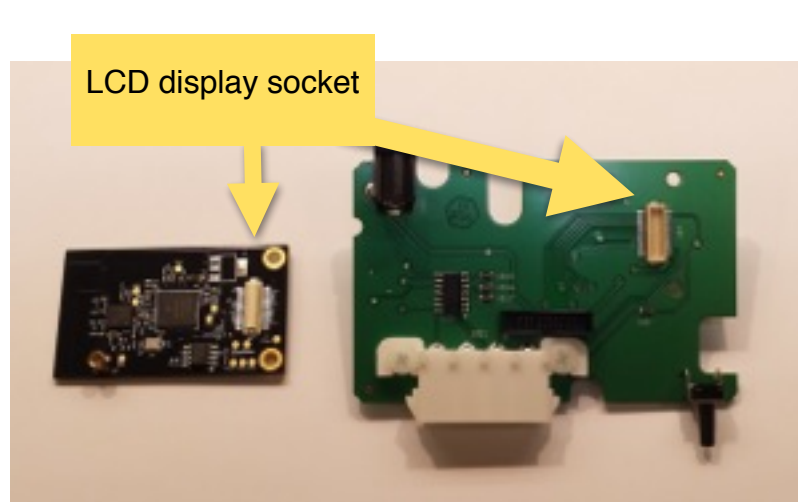
2. Ensure strain relief for LEDCON Cable Connector

Insert the Uni-Mate Connector Strain Relief Screws through the loops on the connector and through the associated holes in the Daughterboard PCBA. Secure with Uni-Mate Connector Strain Relief Nuts.



3. Attach KW2 PCBA to LEDCON PCBA.

Gently seat the plug on the KW2 Brainboard onto the socket of the LEDCON Daughterboard PCBA and snap them together. Be sure they align properly and seat firmly.



4. Insert two 3mm Spacers between KW2 PCBA and Daughterboard PCBA.

Align with screw holes in both boards.

**5. Insert Brainboard Mounting Screws through the Standoffs.**

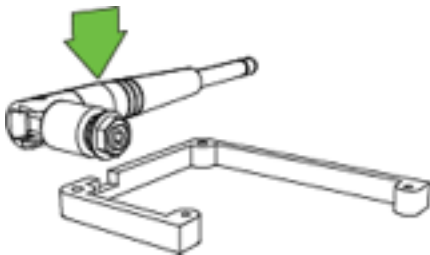
Insert through the KW2 PCBA, 3mm SPACERS and DAUGHTERBOARD PCBA.



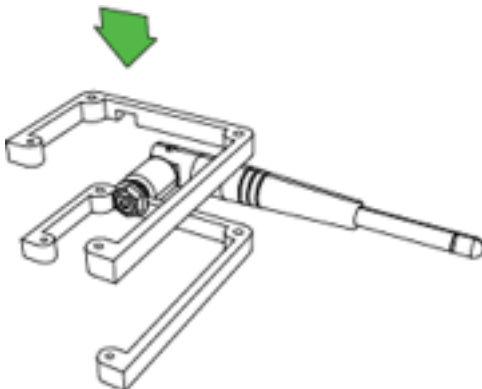
Secure with Brainboard Mounting Nuts.

**6. Assemble TWO SCREW CORES A & B and ANTENNA.**

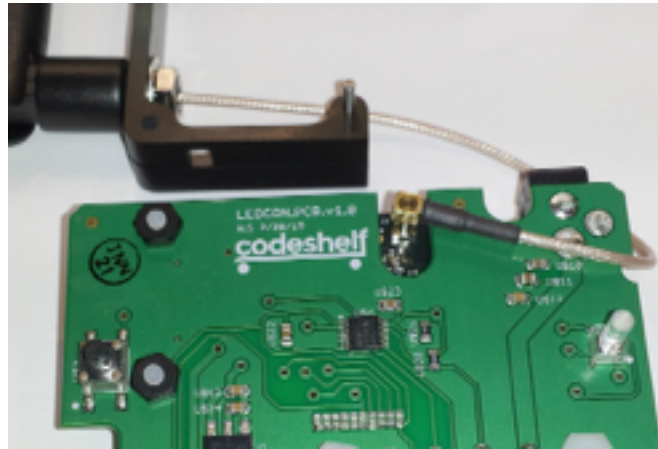
Lay TWO SCREW CORE A face up and lay ANTENNA base in notch.



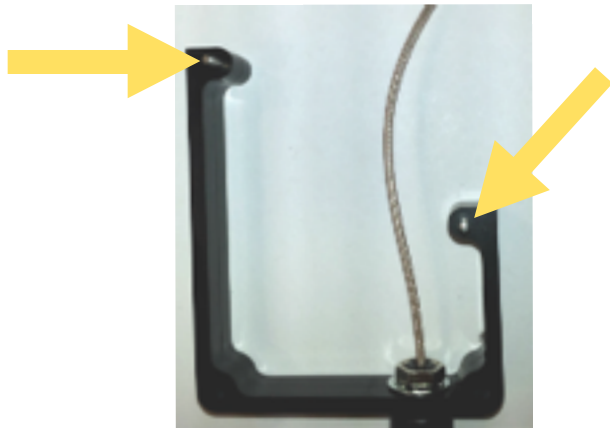
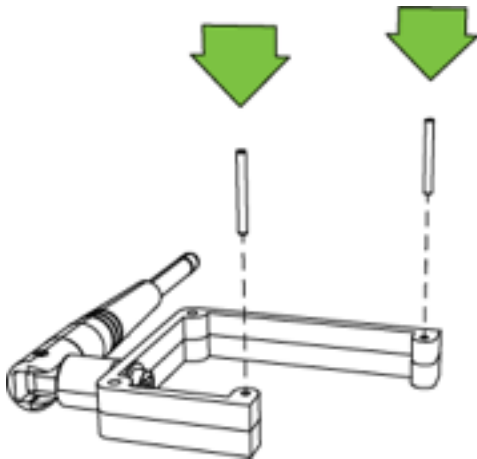
Align notch in CORE B with notch in CORE A, and place CORE B over the exposed base of the ANTENNA. Tighten ANTENNA nut to secure it to both cores. The nut should be tight enough that the antenna remains in position. Be careful not to over-tighten the nut.



Attach ANTENNA to DAUGHTERBOARD0 PCBA.



6. Secure CORES A & B together with 2 - M2 DOWEL PINS.



Gently insert the two dowel pins into the holes in the A and B Cores.

7. Attach KW2/DAUGHTERBOARD Assembly to ANTENNA assembly.

Turn the KW2/DAUGHTERBOARD Assembly so the KW2 faces away and DAUGHTERBOARD cable connector is on the bottom.

Lay DAUGHTERBOARD onto ANTENNA Assembly, inserting reset button through hole in bottom of core.



8. Mount Zero Screw Core on the Assembly.

Align Zero Screw Core so that its holes align with the DOWEL PINS on the ANTENNA Assembly.



Attach ZERO SCREW CORE to CORES A & B over DOWEL PINS. Turn Assembly over.



9. Attach Bottom COVERPLATE to Assembly.

With ANTENNA to the right side, align BOTTOM COVERPLATE so that the oblong cutout is toward the bottom of the plate and threaded pins face up.

Lay BOTTOM COVERPLATE onto Assembly.



Insert two 7/8" CASE SCREWS into the right side of the BOTTOM COVERPLATE and through the corresponding holes in the Assembly.

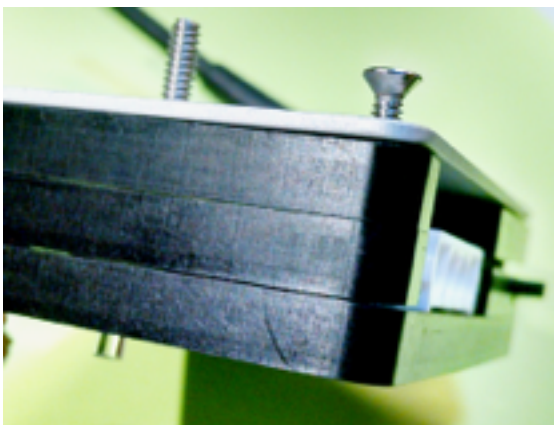
Turn Assembly over.



10. Insert TWO SCREW CORE C (2).

Lay one CORE C on top of the other CORE C so that they align and flat side faces away from Assembly.

Insert the two CORE Cs between the BOTTOM COVERPLATE and ZERO SCREW CORE.

**11. Attach TOP COVERPLATE.**

Insert the two remaining 7/8" CASE SCREWS through the BOTTOM COVERPLATE and CORE Cs.



Lay TOP COVERPLATE on Assembly so that LIGHTPIPE and Reset Button fit through holes. Attach TOP COVERPLATE to Assembly by tightening all four CASE SCREWS from the BOTTOM COVERPLATE.

